

REMARKS

The Office Action of 04/17/2006 has been carefully considered. In response thereto, the claims have been amended as set forth above. Reconsideration and allowance in view of the foregoing amendments and the following remarks is respectfully requested.

Claim 1 has been amended as to matters of form, as requested. A REPLACEMENT SHEET in which Fig. 1 has been labeled PRIOR ART has been submitted as requested.

Claims 1 and 5 were rejected as being anticipated by Henkel. Claims 2, 3, 6 and 7 were rejected as being unpatentable over Henkel in view of Colon-Bonet. These rejections are respectfully traversed.

Henkel contains a generalized teaching that a trade-off between power consumption and area can be made by adjusting the pitch between adjacent signal lines. Note that Henkel, in the same paragraph, teaches that "[T]his signal line pitch is between all adjacent signal lines." Hence, Henkel does not teach or suggest varying the distance between pairs of signal lines as in the present invention. Moreover, Henkel clearly does not teach or suggest varying such distances based on the correlation of bits carried by the signal line pairs.

Colon-Bonet does nothing to remedy the foregoing deficiencies.

Allowance of claims 1-4 and 6-9 is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "M. Ure", is written over a solid horizontal line.

Michael J. Ure, Reg. 33,089

Dated: 07/17/2006